



# OGIP

— 2022 —

# INVITATION LETTER

ORGANIZED BY :



SUPPORTED BY :



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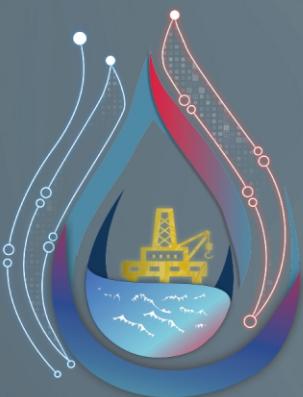
**THEME:**

**“ESCALATING THE PETROLEUM INDUSTRY  
THROUGH ARTIFICIAL INTELLIGENCE”**

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# WELCOMING MESSAGE



**OGIP**  
2022

Today, the energy sector is one of the most important things that has a big impact on human development and the world itself. Especially the development of the oil and gas industry is slowly recovering from the decline due to the impact of the pandemic. Conditions such as the ups and downs of the oil and gas industry are unavoidable and must be faced and prepared. For this reason, the oil and gas industry is competing to innovate to create sophisticated and efficient technology to get the maximum production output by spending efficient, economical funds and environmentally friendly tools.

| WELCOMING MESSAGE



This condition is an opportunity for us as the next generation to prepare ourselves to face these challenges. Hence, we are proud to be able to continue the 12th OGIP with "Escalating Petroleum Industry Through Artificial Intelligence" as its theme. The potential of Artificial Intelligence is already being discovered by many industries, including the Oil and Gas, which is investing majorly in Artificial Intelligence and other data technologies with a goal to secure their future competitiveness in a fast-changing environment. Organizations involved in the oil and gas industry are now turning towards modern technologies, specifically Artificial Intelligence, to maximize and optimize their efficiency and revenues.

On OGIP 2022, we provide events for students and professionals to discuss something related to oil and gas industry and make a good opportunity for students, where the students can demonstrate their knowledge, creativity, innovation, skill and community service which represented in OGIP 2022 events. We expect that in OGIP 2022 events, we can share our knowledge towards each other, so we can prepare new human resources to be ready for the new innovative era of bright energy development in oil and gas industries.

On behalf of OGIP 2022 committees, I'm delighted to invite all of you to join and be the part of OGIP 2022 events. We hope that you will have a memorable and amazing experiences through this event. See you in OGIP 2022! Be part of it!



MOULANA ICHSAN  
PRESIDENT DIRECTOR OF OGIP 2022  
UPN VETERAN YOGYAKARTA



| WELCOMING MESSAGE

# ABOUT HOST ORGANIZATION



HMTM (Petroleum Engineering Student Association) UPN "Veteran" Yogyakarta at the department level that overshadows all students of the Department of Petroleum Engineering UPN "Veteran" Yogyakarta who secretariat at the Ground Floor of the Petroleum Engineering UPN "Veteran" Yogyakarta. HMTM also oversees several Student Study Groups (KSM) and student talent interest organizations, HMTM UPN "Veteran" Yogyakarta in the 2020/2021 period. HMTM UPN "Veteran" Yogyakarta is active in all fields of activities one of which is OGIP (Oil and Gas Intellectual Parade) which is one of the great work programs of HMTM UPN



Ikatan Ahli Teknik Perminyakan Indonesia (IATMI) Seksi Mahasiswa (SM) UPN "Veteran" Yogyakarta is an organization under the affiliation of Ikatan Ahli Teknik Perminyakan Indonesia (IATMI). IATMI SM UPN VYK has continuously develop professionalism and skills about oil and gas industry to IATMI SM UPN VYK's board as the main goal. Through various activities such as seminars, workshop, company visit , competition training and many more as educational facilities. We believe within good cooperation, active manner and the big role of Ikatan Ahli Teknik Perminyakan Indonesia (IKAMI) IATMI SM UPN VYK will spread a good vibe in oil and gas industry.



Society of Petroleum Engineers UPN "Veteran" Yogyakarta Student Chapter (UPNVY SPE SC) is one of non profit professional organization in UPN "Veteran" Yogyakarta that headed by SPE Java Section. UPNVY SPE SC already operates from September 1997 and it represents students from Petroleum Engineering Department UPN "Veteran" Yogyakarta. UPN SPE SC has received many awards such as the outstanding chapter award, gold student chapter award and the last one in 2018 we received the Gold Student Chapter Award. In providing facilities and provide benefit itself development to our members



Asosiasi Panasbumi Indonesia Seksi Mahasiswa (API SM) UPN "Veteran" Yogyakarta is the first student chapter under the affiliation to Indonesia Geothermal Association (INAGA). This student chapter has a purpose to introducing geothermal renewable energy to the student community. Other than that, this student chapter also facilitating soft skill and hard skill development of its members by conducting a lot of programs such as national seminar, software workshop, and geothermal essay competition. We hope with the existence of this student chapter can help the community to realize that geothermal is a potential and environmentally friendly energy that we can use in our daily life.

# EVENT TIMELINE



# EVENT DESCRIPTION



## VIDEO OF OGIP CHALLENGE 2022

“Maximizing the social media usage  
for Petroleum Industry Branding”



In order to welcome and enliven the main event, OGIP 2022 has a new event called Video of OGIP Challenge (VOC). In this event, participants will be asked to make a promotional video for OGIP 2022 as creative and interesting as possible. The best 3 participants will get prizes and the video will be shown on all of the official social media of OGIP 2022. This event will certainly increase the reach and insight of publications of OGIP 2022. This event is open to the public and international participants may participate.

## PETROLEUM INSIGHT

“ESCALATE YOUR SKILLS TO MAKE A BREAKTHROUGH  
IN THE FUTURE OF OIL AND GAS INDUSTRY”

Petroleum Insight is one of the astounding pre-event in OGIP 2022. Petroleum Insight itself consist of 2 type of event, there's Petroleum Talk and Petroleum Workshop Field. The purpose of this event is to expand participant knowledge and also to advance their skills related to Oil and Gas Industry. This event will bring experts in Oil and Gas Industry to satisfy your curiosity about the topic.



# VIRTUAL COMPANY VISIT OGIP 2022

“PREPARE OUR KNOWLEDGE TO  
THE WORLD OF OIL AND GAS INDUSTRIES”



Virtual Company Visit OGIP 2022 will bring knowledge to the participants about the company structures, regulations, work programs, achievement, and etc. Therefore participants will be able to understand about

the oil and gas company and will enhance their knowledge and their skill for preparing to join the industry of oil and gas after their graduates.

## PETROLEUM ACT FOR SOCIAL

“ECREATIVITY ALONG CHARITY : ONE VIDEO FOR  
ONE RICE BOX ”

Petroleum Act for Social (PASCAL) activities are pre event of OGIP 2022 which aims to build a sense of care among others, and to encourage citizens to think creatively to solve social issues especially in facing the pandemic era by providing concrete actions that will be delivered by committees of OGIP 2022. This event will be held hybrid by doing fundraising virtually through social media and then the funds will be allocated to buy some food for the one who need and were impacted by the pandemic.

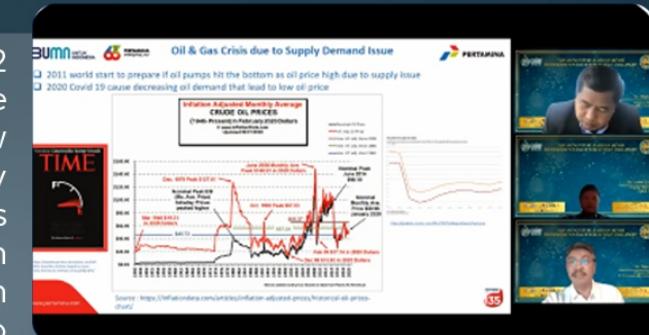


The OGIP Cup is the latest event to give the highest appreciation to universities participating in the entire 2022 OGIP event series. The winners of each competition branch will be accumulated with points which will determine the winner of this year's OGIP Cup.

## CEO TALK

“THE ADVANCED INTELLIGENT GROWTH  
FOR THE PROFICIENT GENERATIONS”

CEO Talk OGIP 2022 will give insight to the participants about new era of world energy challenges and its impacts especially in Indonesia, regulation modification due to changes, and how to deal with it. With the speakers from oil and gas company executives or officials. Therefore participants will be able to understand about the new era's challenges and boost their future leader awareness.





## **GRAND OPENING OGIP 2022**

**“OPEN YOUR MIND TO EXPAND THE BOUNDARY”**

Grand Opening is the opening ceremony of OGIP 2022 event series to welcoming the participants, judges of Intellectual Competition of OGIP 2022 on wonderful opening with online concept.



## **AWARDING NIGHT**

**“THE AMAZING AND MEMORABLE NIGHT”**

Awarding Night is the closing ceremony of OGIP 2022 event series to announce and appreciate the awardees of Intellectual Competition of OGIP 2022 on wonderful night with online concept.



# COMPETITION DESCRIPTION



## INTERNATIONAL GEOTHERMAL CASE STUDY OGIP 2022

“Improving Geothermal Utilization to Achieve Energy Stability”

International Geothermal Case Study Competition is one of the prestigious competitions in OGIP 2022 that challenge participants to resolve problem with their knowledge. On this event it's important to have a good problem solving skill, teamwork, creativity and innovation from different point of view for solving the geothermal's case.

### EXECUTIVE SUMMARY

ABC Geothermal Field is a geothermal field with a volcanic system located in Bering Regency, Banten. Young volcano, but in the near of the active Dieng Plateau volcano complex. The potential for geothermal energy in the western tip of Java Island, ABC Geothermal field is included in the concession area of the Barisan Caldera VNP which has the status for more detailed exploration. The large number of eruptive centers in the form of volcanic cones and caldera systems makes the geothermal potential in this area formed with its characteristics having a high reservoir temperature of  $325^{\circ}\text{C} \pm 10^{\circ}\text{C}$  as a High Enthalpy system.

For develop exploration phase in ABC Geothermal Field, Condensate laser divides the drilling strategy into two adheres, namely exploration drilling for production and exploration drilling for delineation. The placement of the drilling wells is based on the distribution of prospect areas obtained based on the conceptual model analysis of the integration of available 3D data. The area that has a high probability of associating with the P50 zone can be used as an update for the delineation well drilling strategy for the P90 zone. The zone is used as a reference for the installation of exploration wells for production by standard hole, namely RD-3. Meanwhile, the exploration well drilling strategy for delineation refers to the P50 zone as the zone with medium probability by whilehole to RD-1 and standard hole to RD-2 with inclination of 5.7° and the P10 zone as the zone with the lowest probability by slimhole. As for the total exploration cost of 55.69 billion USD in the development of the ABC Geothermal Field.

## INTERNATIONAL OIL RIG DESIGN COMPETITION OGIP 2022

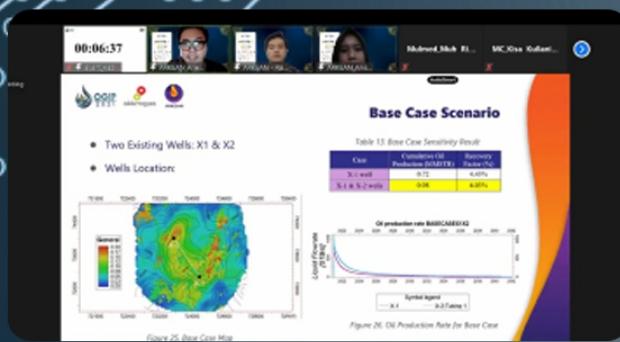
“Technology and Economic Innovations for Offshore Drilling Problems in The New Era of World Energy Challenges”

Oil Rig Design Competition is one of prestigious competitions in OGIP 2022 that requires collaboration of engineering principal, knowledge, and design to improve new innovations and technologies on making an oil rig design. In this edition of OGIP 2022 also bring something new in this competition which is also include the drilling session that encourages participants to advance their knowledge about it since drilling is one of the main purpose which should be considered to design the oil rig.



# INTERNATIONAL RESERVOIR SIMULATION COMPETITION OGIP 2022

## “Oil and Gas Simulation Energy Breakthrough in The New Era of World Energy Challenges”

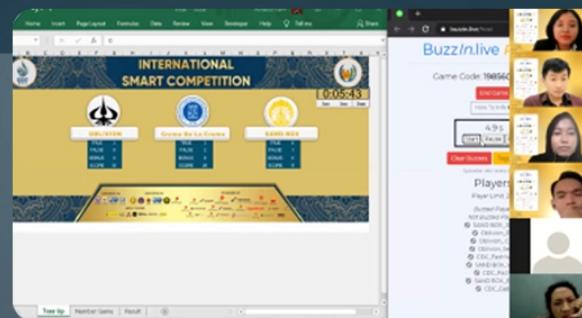


Reservoir Simulation is the computer modelling as the end product of seismic work. This simulation purposed to estimate the geological significance of seismic data. In general this competition

uses simulation software which is familiar to the students of Petroleum Engineer. Participants will be given a seismic data and other supporting data. From those data, we expect participants to enhance their creativity and accuracy and also compete on simulation and to obtain informations about the potential petroleum reserves.

# INTERNATIONAL SMART COMPETITION OGIP 2022

“Bring The Bright Future with Advance Knowledge Through Competitive Competition to Overcome Sustainable Energy”



International Smart Competition OGIP 2022 is prestigious competition for the undergraduate students. One of the most notable competition for undergraduate students to expand their knowledge and advance through scrutinizing the questions related to oil and gas industry about the technical and nontechnical aspect. Young generation as future engineer must have a lot of knowledge and engineering logical thinking to be extraordinary engineer in the future. In this prestigious competition, teamwork is the key to enhance the participant's performance.

# INTERNATIONAL PLAN OF DEVELOPMENT COMPETITION OGIP 2022

“Designing Breakthrough Strategic, Innovative and Competitive Integrated Field Development Plan to Catch One Million Barrel Production Target”

International Plan of Development Competition (POD) OGIP 2022 is a competition where all of the participants will be competing as a team. Sense of teamwork and work responsibility through the project will help them to create an economic and efficient plan to develop oil & gas field which need a creative strategic from the beginning of the exploration until the abandonment based on the data given. This also means that they can show their ability to plan projects with full of work responsibility as a team.

The main aspect of this competition are Geology, Reservoir, Production, Drilling, G&G, and Economy. This competition is Open to any undergraduate University students related to Oil & Gas Industry.



# PAPER POSTER COMPETITION OGIP 2022

“Transformation of Strategy and Technology to Maximizing Utilization National Natural Resources”

International Paper and Poster Competition is one of the main event and part of Intellectual Competition of OGIP 2022. This prestigious competition is for undergraduate student who have interest in energy sector especially oil, gas, and geothermal energy. Paper and Poster is a platform to compose and mold both ideas and innovation in oil and gas world in order to solve the issues concerning in oil and gas industry. Through this paper, students may take a part to expand, improve, and devote their brilliant ideas Rsearchers, inscription, innovations, developments and effective solution. This competition also Supposed to improve their insight and battle enthusiasm between each student as their model to face workforce that full of strict competition



# GENERAL RULES

 **PARTICIPANT RULES**

 **PLATFORM INSTRUCTION**

 **PARTICIPANT FACILITIES**

 **COMMUNICATION**

 **REGISTRATION TERM**

 **DRESSCODE**

 **CHANGED IN RULES**

## PARTICIPANT RULES

1. All participants of Intellectual Competition are undergraduate students and must be active students until the end of this event
2. Each team must consist of participants from the same university and only can join one team at the same time
3. All participants must adhere to the procedures and deadlines established by the committees

All participants must meet the requirements for each competition

## PARTICIPANT FACILITIES

1. Personal entry to one registered competition
2. Polo Shirt and Goodie Bag (terms and conditions are prescribed)
3. Complimentary on Virtual Awarding Night

## REGISTRATION TERM

1. The Registration will be posted on OGIP 2022 official Instagram account at ogip 2022.
2. Registration will be conducted in OGIP 2022 website registration form at [ogipupnyk.com](http://ogipupnyk.com)  
Batch 1: November 27th, 2021- December 16th, 2021  
Batch 2 : December 17th, 2021- January 9th, 2022
3. Registration fees for OGIP 2022 Intellectual Competitions are:  
Batch1  
For domestic students: Rp150.000 per team  
For International students: USD 15 per team  
Batch 2  
For domestic students: Rp 175.000 per team  
For International Students: USD 17.5 per team
4. Registration/Preliminary Fee Must be paid no later than:  
Batch1 : December 16th, 2021  
Batch 2 : January 9th, 2022
5. For international students, when you have filled out the registration form, immediately contact the email : [ogipupnyk.com](mailto:ogipupnyk.com) for the payment or registration fees regulation.

## PLATFORM INSTRUCTION

1. All competition held by OGIP 2022 will be virtually using Zoom Meeting Platform
2. All participants must have good internet connection and all the problems experienced by participants are not on committee's responsibility
3. Participants' display name should be "Team Name\_Full Name" for the day presentation session.
4. Any rules change about platform procedure will be informed directly to the participants by a Liaison Officer.

## COMMUNICATION

1. All the verbal communications, presentations, and written documents must be in English
2. All the written documents and presentation slides are prohibited to use a university logo or consist of a university name. Just a team logo is allowed to be used during the presentation session.
3. Participants are prohibited to introduce or make a declaration about their respective university.
4. Any form of violation and fail to obey the rules will get punishment and be subject to a total score reduction or even disqualification
5. Question about the rules may be asked via the following email: [ogipupnyk.com](mailto:ogipupnyk.com)



6. The team that are selected to the final round must pay the remaining fees no later than the deadline which will be informed in each Intellectual Competition (IC) to the following account:

Account Number : 0696068909  
Bank Name : BNI  
Beneficiary Name : Tasya Ria Finola  
All the payment receipt must be uploaded to OGIP 2022 Website : [ogipupnyk.com](http://ogipupnyk.com) before the deadline that informed in each Intellectual Competition
7. Upload OGIP 2022 Twibbon on your social media account and tag @ogip2022. The caption and twibbon can be downloaded here [bit.ly/TwibbonOGIP2022](https://bit.ly/TwibbonOGIP2022) (each team member must upload the twibbon)
8. Finalist team will be announced via OGIP 2022 Official Instagram Account and directly to team leaders email.
9. No refund after receiving confirmation email as an official delegate of OGIP 2022. For Further information, please catch up to [ogipupnyk.com](http://ogipupnyk.com)

## DRESCODE

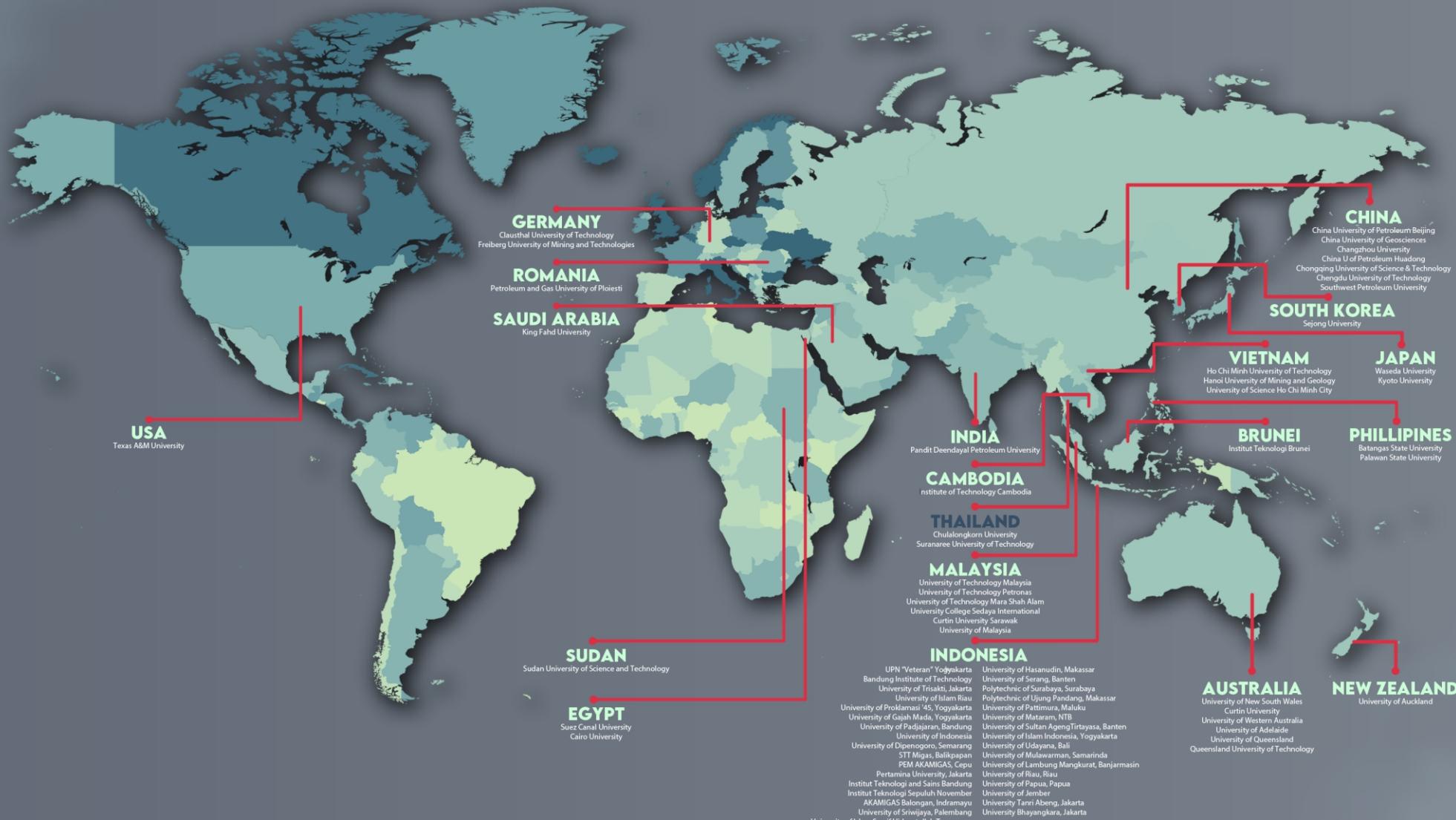
1. For Paper Competition, , Geothermal Case Study Competition, ,Simulation Reservoir Competition, , Oil Rig Design Competition, and Plan of Development Competition can use a formal attire and prohibited to bring university almamater or university attribute during the presentation session, only formal attire or team's pdh are allowed attire or team's allowed to wear during presentation session. Any form of violation and fail to obey the rules will get punishment and be score reduction or even disqualification
2. For Smart Competition is allowed to use an alma mater or university attribute during the tournament
3. All the participants must using the OGIP 2022 Virtual Background during the presentation session.

## CHANGED IN RULES

1. Competition rules are subjected to change anytime. Any agenda in rules,clarifications and agenda will be informed directly to participants through team leader email.
2. Rules Can be changed at any time. Participants will be notified and briefed before The event starts if there is a change in regulation.



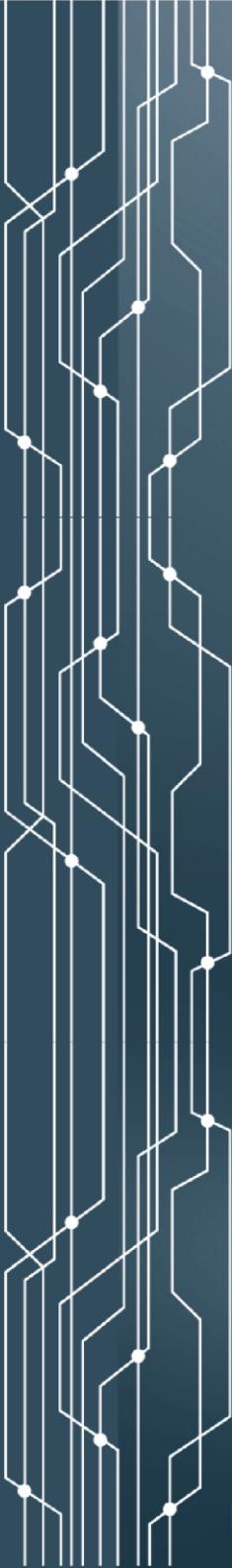
# UNIVERSITIES INVITED





## OGIP CUP

- 1 Event Information
- 2 Objective
- 3 General Rules
- 4 Point Accumulation
- 5 Awards



## OGIP CUP

### EVENT INFORMATION

Venue	: Virtual Meeting Zoom
Date & Time	: March 6th, 2022
Delivery Language	: English

### OBJECTIVE

The OGIP Cup is the latest event to give the highest appreciation to universities participating in the entire 2022 OGIP event series. The winners of each competition branch will be accumulated with points which will determine the winner of this year's OGIP Cup.

### GENERAL RULES

1. This event is open to all teams participating in the 2022 OGIP competition
2. Teams are from the same university
3. Each team has completed the 2022 OGIP administration requirements
4. If there is cheating in the competition, the university concerned will be disqualified from the OGIP CUP nomination.
5. OGIP CUP nominations will be announced at the 2022 OGIP Awarding Night
6. Points are awarded to the team that managed to get the Champion, 1st runner Up, 2nd Runner Up, and Favorite Winner from each competition branch
7. The committee's decision is final





## POINT ACCUMULATION

Winner	Point
Champion	10
1st Runner Up	7
2nd Runner Up	5
Favorite Winner	2

## AWARDS

OGIP Cup nominees will receive several prizes:  
OGIP Cup 2022 : Trophy + IDR 3,000,000



# OGIP CUP



## INTERNATIONAL GEOTHERMAL CASE STUDY COMPETITION

- 1 Main Theme
- 2 Event Information
- 3 Objective
- 4 General Rules
- 5 Competition Format
- 6 Judging Criteria
- 7 Tournament Officials
- 8 Equipment Requirements
- 9 Key Date
- 10 Award
- 11 Contact Person



# INTERNATIONAL GEOTHERMAL CASE STUDY COMPETITION

## MAIN THEME

"Improving Geothermal Utilization to Achieve Energy Stability"

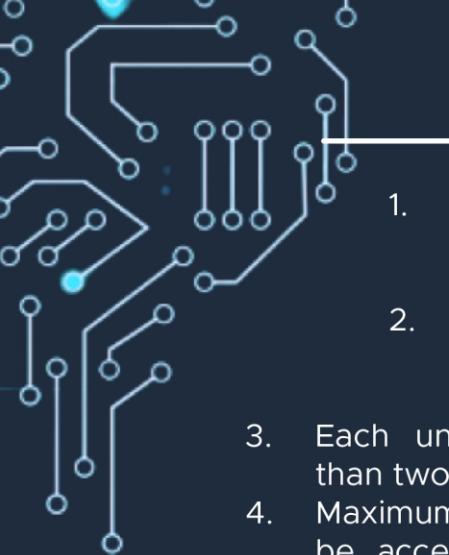
## EVENT INFORMATION

Venue : Virtual Meeting Zoom  
Date & Time : March 6th, 2022  
Delivery Language : English

## OBJECTIVE

1. Expand and improve participant's knowledge about how a geothermal project work.
2. Increasing student teamwork including several people with their own background.
3. Increasing student ability to write their ideas and how to deliver it to public.
4. Increasing the ability to combine several technical and non-technical aspect into a good project.
5. To find out how a case in geothermal industry is solved.





## GENERAL RULES

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1. This competition is open for all under graduate students from any major of universities around the world.
2. Participants are advised to complete and submit registration from OGIP 2022 before January 9th, 2022.
3. Each university can send its delegates more than two teams for essay selection.
4. Maximum two teams from each university will be accepted to present their case with each team consist of 3 (three) participants.
5. Every team can consist of different majors but must be from the same university.
6. Every participants only allowed to join one team.
7. Geothermal Case Study Competition consists of 4 phases, which are:
  - a. Essay Submittal
  - b. Case Distribution
  - c. Project Report
  - d. Final Presentation
8. Case will be delivered to team leader's email on the date.
9. All report and presentations should be delivered in english.
10. The presentation will be closed presentation.
11. The order of presentation will be announced at technical meeting.
12. Every delegate is prohibited to bring university almamater or university attribute during the presentation session, only formal attire are allowed to wear during presentation session.

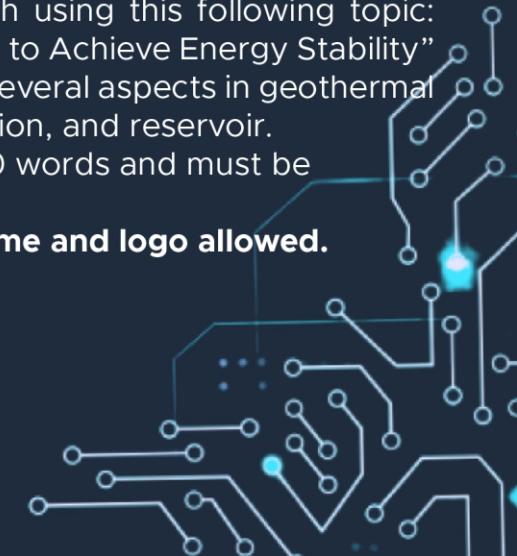
13. Winner Category :
  - a. Champion of Geothermal Case Study Competition
  - b. 1st Runner Up of Geothermal Case Study Competition
  - c. 2nd Runner Up of Geothermal Case Study Competition
14. Any delay of submission leads to the scoring reduction by 10% / day from total score.
15. Any form of violation to the rules will get punishment and may receive total score reduction.
16. All teams must adhere to rules and regulations. Any changes in regulation of OGIP 2022 Geothermal Case Study will be announced to all participants before and /or during the technical meeting.
17. Judges's decision is final and cannot be changed under any circumstances.

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## COMPETITION FORMAT

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### ESSAY SUBMISSION

1. Participants are required to pay an essay registration fee about **IDR 150.000/team** (Batch I) and **IDR 175.000/team** (Batch II).
  2. Essay must be written in english using this following topic: "Improving Geothermal Utilization to Achieve Energy Stability"
  3. Essay must be solved based on several aspects in geothermal industry such as drilling, production, and reservoir.
  4. Essay should consist of 300-400 words and must be submitted using pdf format.
  5. **No university or institution's name and logo allowed.**
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6. Essay should be submitted before January 9th, 2022 in .pdf format to ogipupnyk.com with name of file same with the name of subject : GCS\_Essay\_OGIP2022\_Team Name\_Team Leader's Name
  7. After submitting your essay, please verify immediately to our contact person.
  8. The number of essay that will be qualified for the selection are only 8 best essay.
  9. Teams that passed the qualification will be announced on January 16th, 2022.

#### 10. Essay format:

Paper size	: A4
Left and top margins	: 4cm
Right and bottom margins	: 3 cm
Font style	: Times New Rowman
Font Size	: 12
Spacing	: 1.15
Alignment	: Justified

### **CASE DISTRIBUTION INSTRUCTION**

The case will be given to participants who already completed the registration, payment, and pass the essay selection. Case will be distributed on January 23th, 2022 through each team leader's e-mail.

### **PROJECT REPORT INSTRUCTION**

1. Participants are required to pay Project Report submission fee about **IDR 150.000/person**.
2. Project Report must be written in english using pdf format.

- 
3. Project Report format :
    - Paper size : A4
    - Left and top margins : 4cm
    - Right and bottom margins : 3 cm
    - Font style : Times New Roman
    - Font Size : 12
    - Spacing : 1.15
    - Alignment : Justified
  4. Participants are required to submit the Project Report **before the February 27th, 2022** to ogipupnyk.com with name of file same with the name of subject : GCS\_ProjectReport\_OGIP2022\_Team Name\_Team Leader's Name
  5. Project Report Should Include :
    - Background
    - Purpose and Objectives
    - Literature Review
    - Methods
    - Non-technical studies (Social, Culture, etc)
    - Technical studies :
      - o Geology
      - o Geochemistry
      - o Geophysic
      - o Choose one of the technical studies with composition 80% + 20% others : Reservoir, Drilling, Production



## FINAL PRESENTATION INSTRUCTION

1. The presentation & question and answer session will be delivered in English.
2. Presentation file must be submitted **before February 27th, 2022** along with the project report to ogipupnyk.com with name of file same with name of subject : GCS\_Presentation\_OGIP2022\_Team Name\_Team Leader's Name
3. Presentation day will be held on **March 6th, 2022**.
4. During the presentation, all participants may not mention their university name for team introduction. Participant's name or team name are allowed.
5. Participants must turn on the camera
6. Essay format:  
Participants have to join in waiting room **15 minutes** before presentation time.
7. Every team will be given a total of **45 minutes**, consisting of **15 minutes** for presentation and **30 minutes** for Q&A Session by judges.
8. Every participant **must attend** the presentation day and **cannot be replaced** by other.
9. The winner of Geothermal Case Study will be announced at OGIP 2022 Awarding Night.

## JUDGING CRITERIA

1. Presentation ( 40% )  
Showing interesting contents, fluency & systematic of presentation, content & media that used in presentation, time management, and team manners
  - Preparation, posture, and fluency 10%
  - Presentation concept and systematics 10%
  - Content and comprehension 20%

2. Project Report ( 60% )  
It consists of every aspect in detailed way, completeness, and your engineering senses.
  - Detailed aspect of Reservoir/Drilling/Production 30%
  - Logical and systematics of Final Report 15%
  - Engineering Sense 15%

## TOURNAMENT OFFICIALS

1. Judges : There will be 3 (three) judges. Judges will appraise the participant's effort by the criteria given.
2. Moderator : Comes from committees who guide all of the presentation and judging process.
3. Timekeeper : Comes from committees who will remind the participants about the time left for each team.
4. Host : Will be in charge of inviting participants to the meeting room.

## EQUIPMENT REQUIREMENTS

1. Participants are required to use the Zoom installed electronic device (PC is recommended).
2. Participants are required to have a stable internet connection.
3. Using external assistance during the presentation is not allowed.
4. Each team are responsible to provide and display their own presentation file during presentation day.
5. The presentation file that has been sent must not be different from the one displayed during the presentation, if there is a difference, a minus point will be imposed.

## KEY DATES

1. Batch I registration (Essay submittal & payment) : November 27th – December 16th, 2022.
2. Batch II registration (Essay submittal & payment) : December 17th – January 9th.
3. Delegates announcement : January 16th, 2022.
4. Case distribution : January 23th, 2022.
5. Project report and presentation file submission deadline : February 27th, 2022.
6. Technical Meeting : March 4th, 2022.
7. Final Presentation : March 6th, 2022.

## AWARDS

- Champion : IDR 3.500.000 + Certificate  
1st Runner Up : IDR 2.500.000 + Certificate  
2nd Runner Up : IDR 1.500.000 + Certificate

## CONTACT PERSON

### Ashidik Masri

 Phone : 0822 4485 0021  
 Line ID : @shidik\_az01  
 Email : ash.masri77@gmail.com

### Muhammad Akram Rusdianto

 Phone : 089695598676  
 Line ID : ak\_ram04  
 Email : akramar729@gmail.com

## INTERNATIONAL GEOTHERMAL CASE STUDY COMPETITION





## INTERNATIONAL RESERVOIR SIMULATION COMPETITION

- 1 Main Theme
- 2 Event Information
- 3 Objective & Purpose
- 4 General Rules
- 5 Competition Format
- 6 Competition Day Rules
- 7 Registration
- 8 Key Dates
- 9 Award
- 10 Contact Information



# INTERNATIONAL RESERVOIR SIMULATION COMPETITION

## MAIN THEME

“Oil and Gas Simulation Energy Breakthrough in The New Era of World Energy Challenges”

## EVENT INFORMATION

Venue : Virtual Meeting Zoom  
Date & Time : March 6<sup>th</sup>, 2022  
Delivery Language : English

## OBJECTIVE & PURPOSE

- Forming an academic culture in educational lecturing
- Improve student's ability to write and collate the ideas in front of public about reservoir engineering and solutions
- Increase knowledge for all participant in reservoir engineering
- As a form of a place to build a good relationship between student and universities





## GENERAL RULES

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- OGIP 2022 Reservoir Simulation Competition will be held virtually through ZOOM virtual meeting software
- This competition is open to undergraduate students from a university
- Participants are advised to complete and submit the official registration form OGIP 2022 before the due date
- Each team consist of 2 (two) to 3 (three) participants
- Each university can only send its representatives maximum 2 teams
- For the fastest payment, will be the elected as selected participants (Please confirm to the project manager first about the participant has been selected, before making a payment)
- For teams on the waiting list will be contacted if they are selected to be delegates of OGIP 2022 Reservoir Simulation Competition
- The participants are required to pay the registration fee to confirm to respective registration period after being notified as to the selected member
- Each team must have their own name with a logo that represents the team. The name and logo will be used in the report and presentation. Any detailed attribute from universities is prohibited
- The case will be given to participant who already completed the registration and payment
- The case will be sent to the leader's email
- Each participant can use CMG, Petrel, Eclipse and Navigator in this competition and every university has to be concerned about the license. (Committees don't have any responsibility due to any illegal software license that will be used by the participants)
- Complete the remaining fee project report submission
- All report and presentations should be delivered in English

- The presentation will be a closed presentation
- The order of presentation will be announced at the Technical Meeting
- Competition rules are subject to changes. Any rule change clarification and agenda will be announced to all member before the contest

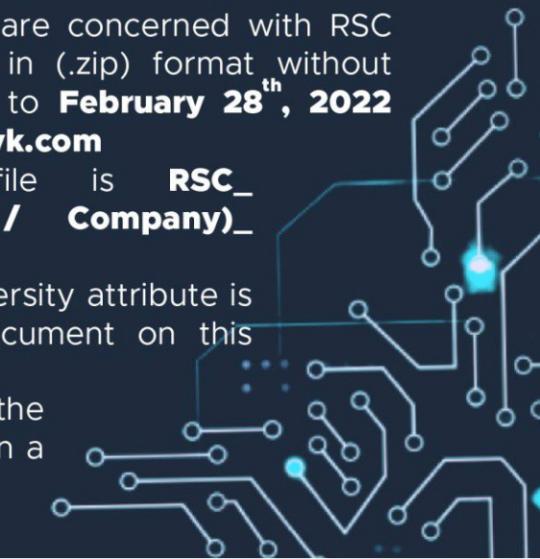
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## COMPETITION FORMAT

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### PROJECT REPORT

- The project is written in English
- Participants have to submit the project report before the due date along with registration form to **ogipupnyk.com**
- The project report must contain team logo, SKK Migas, and OGIP 2022 official logo in all report pages
- All teams must present the project report in (.pdf) format with title: **ReportRSC\_OGIP2022\_(Team Name / Company)\_University**
- All calculations must be attached in Microsoft Office Excel (.xls) or (.xlsx) with the name format below: **CalculationsRSC\_OGIP2022\_(Team Name / Company)\_University**
- All required documents that are concerned with RSC report should be submitted in (.zip) format without locked before the due date to **February 28<sup>th</sup>, 2022** before 23.59 WIB to **ogipupnyk.com**
- Name of the (.zip) file is **RSC\_OGIP2022\_(Team Name / Company)\_University**
- University logo and all of university attribute is prohibited in all type of document on this competition
- Media and design of the presentation slides is based on a participant's creativity





- Project report format must be in A4 size
- Team who fail to comply with rules and submitted file (project report and calculations) after the due date will be given **minus 10% reduction** for each submission
- The project report will be evaluated by the judges during the presentation session
- The project report consists of :
  - Geological finding & review
  - Reservoir description
  - Reserve and production forecast
  - Field development scenario
  - Project schedule
  - Conclusion

## SOFTWARE

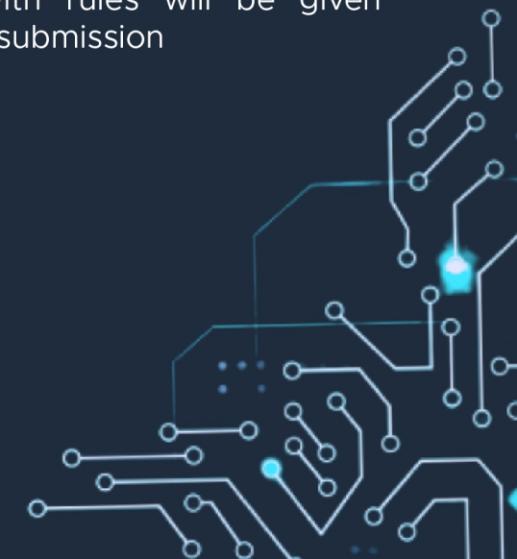
CMG, Petrel, Eclipse and tNavigator that are required to use in this competition and every University has to concern about the license

## PRESENTATION SLIDES

- The presentation slide is written in English
- Participants have to submit the project report before the due date along with registration form to **ogipupnyk.com**
- All teams must present the presentation slides in (.ppt) or (.pptx) with title: **PresentationRSC\_OGIP2022\_(Team Name / Company)\_University**
- The presentation slides should be submitted max. on **March 3<sup>rd</sup>, 2022** before 23.59 WIB to **ogipupnyk.com**
- University logo and all of university attribute is prohibited in all type of document on this competition
- Media and design of the presentation slides is based on a participant's creativity
- Team who fail to comply with rules and submitted file (presentation slides) after the due date will be given **minus 10% reduction** for each submission

## FINAL PRESENTATION

- The presentation must be delivered in English
- A drawing session to decide the order of presentation will determine the RSC presentation order during the technical meeting
- Every team will be given a total of 30 minutes, consisting of 20 minutes for presentation and 35 minutes of Q&A session by judges
- System of the presentation is a close presentation
- Only team members, judges, and official committees that allowed to enter the room of presentation and not allowed to enter and leave the room during presentation session
- Every participant must attend the presentation day and cannot be replaced by other
- Every delegate is prohibited to bring university almamater or university attribute during the presentation session, only formal attire or team's uniform are allowed to wear during presentation session
- Participants is prohibited to introduce or make a declaration about their respective university
- Team who fail to comply with rules will be given **minus 10% reduction** for each submission





## JUDGING CRITERIA

The judges will choose the best three teams according to the criteria as shown below:

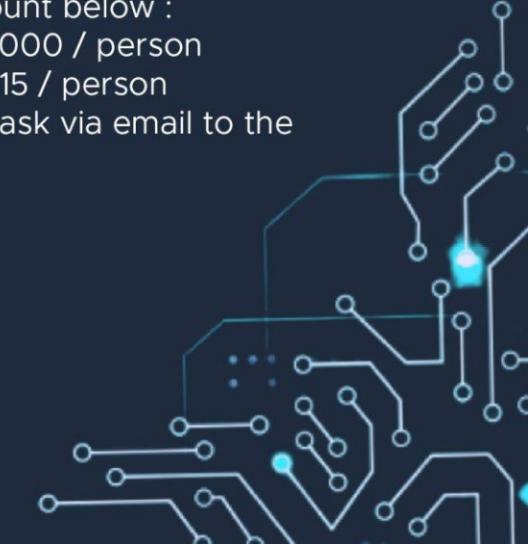
- Presentation (40%)  
Showing interesting contents, fluency & systematic presentation, content & media that is used in a presentation, time management, and team manners.
- Project Report (60%)  
It consists of every aspect in a detailed way, completeness, and your engineering senses  
Judges decision are absolute and not contestable and the winner will be announced at OGIP 2022 Awarding Night

## COMPETITION DAY RULES

- Moderator will lead and guide the entire flow of this competition and followed by timekeeper will remind the time limits
- Participants must prepare good internet connection during the presentation session
- Every delegate should be **in the waiting room at least 15 minutes** before start to present the material
- **Tardiness of more than 5 minutes** will be resulting **10% deduction of the total score**, unless the lateness is because mistake from official committee of OGIP 2022
- OGIP 2022 committees will be sharing screen the presentation file, and **participants will operate through remote control**
- The presentation time will start if both committee and participants are ready to present their material
- Presentation and Q&A time reminder will be provided by the timekeeper. **Audio signals and live chat** will be used to mark the last 2 (two) minutes and the end of each presentation session
- The time used by the committee is absolute

## COMPETITION DAY RULES

- Registration will be conducted in OGIP 2022 website registration form at [www.ogipupnyk.com](http://www.ogipupnyk.com)  
Batch 1: November 27<sup>th</sup>, 2021 – December 16<sup>th</sup>, 2021  
Batch 2: December 17<sup>th</sup>, 2021 – January 9<sup>th</sup>, 2022
- Registration fees for OGIP 2022 International Reservoir Simulation Competition are:  
Batch 1: IDR 150.000 / team  
Batch 2: IDR 175.000 / team
- International participant:  
Batch 1: USD 15 / team  
Batch 2: USD 17.5 / team
- The registration fees have to be paid before December 16<sup>th</sup>, 2022 (Batch 1) and January 9<sup>th</sup>, 2022 (Batch 2). Submit the payment receipt to the submission payment link on OGIP 2022 website at [www.ogipupnyk.com](http://www.ogipupnyk.com)
- Each team must pay the remaining fees before the project submission with the detailed amount below :
  - o Domestic Participant: IDR 150.000 / person
  - o International Participant: USD 15 / person
- Any remaining questions, please ask via email to the contact person





## KEY DATES

Open Registration Batch 1	November 27 <sup>th</sup> 2021 – December 16 <sup>th</sup> 2021
Open Registration Batch 2	December 17 <sup>th</sup> 2021 – January 9 <sup>th</sup> 2022
Official Delegates Announcement	January 16 <sup>th</sup> 2022
Case Distribution	At the latest January 25 <sup>th</sup> 2022
Final Report Project Submission	February 28 <sup>th</sup> 2022
Presentation Slides Project Submission	March 3 <sup>rd</sup> 2022
Technical Meeting	March 3 <sup>rd</sup> 2022
Final Presentation (D-Day of Event)	March 6 <sup>th</sup> 2022

## AWARDS

The winner of OGIP 2022 International Reservoir Simulation Competition will be awarded:

- |                           |                                |
|---------------------------|--------------------------------|
| Champion Winner Prize     | : IDR 3.500.000 + certificates |
| 1 <sup>st</sup> Runner Up | : IDR 2.500.000 + certificates |
| 2 <sup>nd</sup> Runner Up | : IDR 1.500.000 + certificates |

## CONTACT PERSON

### Ladefa Lathief Nurcahayyan

- |   |         |                          |
|---|---------|--------------------------|
|    | Phone   | : (+62) 818 8288 2874    |
|   | Line ID | : eyuudeva               |
|  | Email   | : defaogip2022@gmail.com |

### Nabiel Firmansyah

- |   |         |                                |
|---|---------|--------------------------------|
|  | Phone   | : (+62) 813 1077 5838          |
|  | Line ID | : nabielmnf16                  |
|  | Email   | : nabielfirmansyah16@gmail.com |





## INTERNATIONAL PLAN OF DEVELOPMENT COMPETITION

- 1 Event Information
- 2 Objective
- 3 General Rules
- 4 Competition Format
- 5 Judging Criteria
- 6 Competition Day Rules
- 7 Equipment Requirement
- 8 Registration Fees
- 9 Important Dates
- 10 Awards
- 11 Contact Information



## INTERNATIONAL PLAN OF DEVELOPMENT COMPETITION

### MAIN THEME

"Designing Breakthrough Strategic, Innovative and Competitive Integrated Field Development Plan on Dealing with Future Energy Perfection"

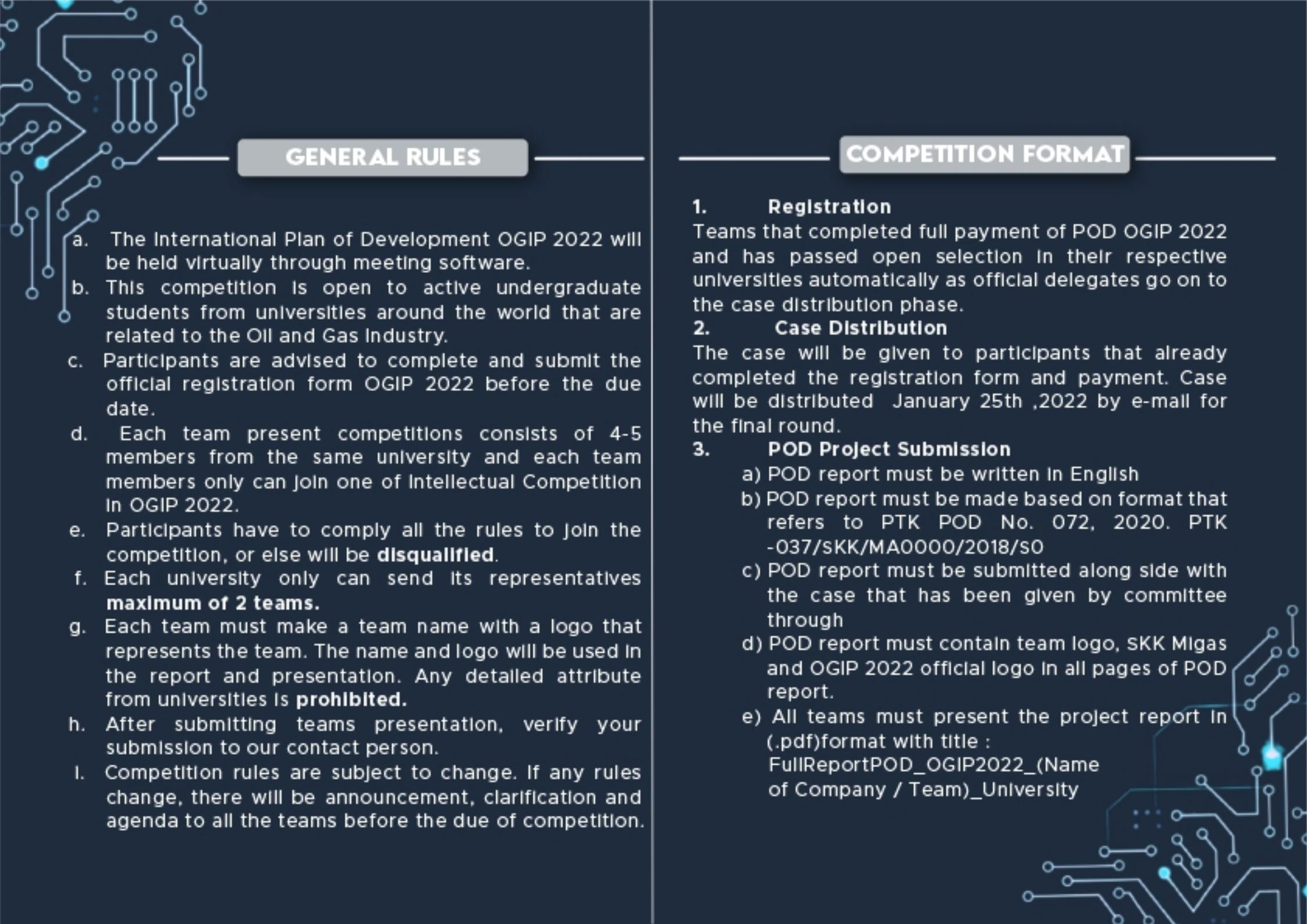
### EVENT INFORMATION

Venue : Virtual Meeting Zoom  
Date & Time : March 6th, 2022  
Delivery Language : English

### OBJECTIVE

1. Understand deeper learning about engineering field development planning.
2. Improving the students ability to solved the problems with creative concept and detailed explanations
3. To become good place to develop students' abilities in making and planning for the development of an effective and economical oil and Gas field.
4. Participants can apply their understanding from the technical & non-technical side and are responsible for the work during the project. As a support for entering professional career.





## GENERAL RULES

- a. The International Plan of Development OGIP 2022 will be held virtually through meeting software.
- b. This competition is open to active undergraduate students from universities around the world that are related to the Oil and Gas Industry.
- c. Participants are advised to complete and submit the official registration form OGIP 2022 before the due date.
- d. Each team present competitions consists of 4-5 members from the same university and each team members only can join one of Intellectual Competition In OGIP 2022.
- e. Participants have to comply all the rules to join the competition, or else will be **disqualified**.
- f. Each university only can send its representatives **maximum of 2 teams**.
- g. Each team must make a team name with a logo that represents the team. The name and logo will be used in the report and presentation. Any detailed attribute from universities is **prohibited**.
- h. After submitting teams presentation, verify your submission to our contact person.
- i. Competition rules are subject to change. If any rules change, there will be announcement, clarification and agenda to all the teams before the due of competition.

## COMPETITION FORMAT

### 1. Registration

Teams that completed full payment of POD OGIP 2022 and has passed open selection in their respective universities automatically as official delegates go on to the case distribution phase.

### 2. Case Distribution

The case will be given to participants that already completed the registration form and payment. Case will be distributed January 25th ,2022 by e-mail for the final round.

### 3. POD Project Submission

- a) POD report must be written in English
- b) POD report must be made based on format that refers to PTK POD No. 072, 2020. PTK -037/sKK/MA0000/2018/s0
- c) POD report must be submitted along side with the case that has been given by committee through
- d) POD report must contain team logo, SKK Migas and OGIP 2022 official logo in all pages of POD report.
- e) All teams must present the project report in (.pdf)format with title :  
FullReportPOD\_OGIP2022\_(Name  
of Company / Team)\_University

- f) All calculations must be attached in Microsoft Office Excel (.xls / .xlsx) with the name format below : CalculationsPOD\_OGIP2022\_(Name of Company / Team)\_University
  - g) All required documents that are concerned to POD report should be submitted in (.rar) format without locked before the due date to February 28st ,2022 before 23.59 WIB to oglpupnyk.com. Name of the (.rar) file is POD \_OGIP2022\_(Name of Company / Team)\_University
  - h) Presentation slides must be in (.ppt) or (.pptx) with title : PresentationPOD\_OGIP2022\_(Name of Company / Team)\_University
  - i) Presentation slides should be submitted max. on March 1st ,2022 to oglpupnyk.com.
  - j) University logo and all of university attribute is prohibited in all type of document on this competition.
  - k) Any delay of submission leads to the scoring reduction 10% / day from project the report score (Multiplies by total day that delayed)
- 4. Final Presentation**
- The presentation must be delivered in English.
  - The presentation will be held virtual through zoom.
  - When Participants present their output, the camera must be on.
  - A drawing session to decide the order of presentation will determine POD presentation order during the technical meeting.
  - Each team will be given 20 minutes for presentation and 35 minutes for Q&A session.
  - The team representative will share the screen during the presentation. If the presentation slides that are presented do not match with the file that is submitted to the committee, then there will be deducted 10 points per slide from the total points.
  - Presentation and Q&A time reminder will be provided by time keeper. Audio signals and live chat will be used to mark the last 2 (two) minutes and the end of each presentation session.
  - System of the presentation is a close presentation.
  - The presentation should be presented by 1 (one) person from each team. If required, each team can designate 1 (one) person to be an operator.
  - The questions given by judges can be answered by all team members.
  - Only team members, judges, and official committees that allowed to enter the room of presentation and not allowed to enter and leave the room during the presentation.
  - Every delegate is prohibited to bring university almamater or university attribute during the presentation session, only formal attire are allowed to wear during presentation session.
  - Participants is prohibited to introduce or make a declaration about their respective university.
  - Any form of violation and fail to obey the rules will get punishment and be subject to a total score reduction of 10%, or even disqualification.
  - Any delay of submission leads to score reduction 10% / day from presentation score (Multiplies by total day that delayed)



## JUDGING CRITERIA

- Judge assessment includes POD report result, delivery of content, comprehension of theory, as well as the ability to answer the questions.
- Judge assessment will consist of 40% of POD report, 30% of the presentation and 30% for Q&A session.

### POD REPORT (40%)

- A. Compliance of Report Format with PTK POD
- B. Geological Findings and Review
- C. Reservoir Description
- D. Reserves and Production Forecast
- E. Drilling and Completion
- F. Production Facilities
- G. Field Development Scenarios
- H. HSE & CSR
- I. Abandonment and Site Restoration (ASR) Plan
- J. Project Schedule and Organization
- K. Local Content
- L. Commercial
- M. Conclusion
- N. Attachments

### Online Presentation (30%)

- A. Fluency, Clarity in Presentation delivery
- B. Time Management
- C. Systematic Presentation
- D. Understanding the Concept of Presentation Including All Aspects of Oil & Gas Field Development Plan
- E. Creative & Informative Design of the Power Point Slide

### Question and Answer Session (30%)

- A. Accuracy in Answering Questions
- B. Strength of the Arguments Accompanied by Valid Data Logic: Engineering Sense
- C. Attitude
- D. Realistic, Logical & Systematic Answer: The way the subject was approached and solved

- Judges will decide the winner based on the evaluation criteria. The top 3 (three) teams with the highest score will be announced as winners.
  - Judge decision is absolute and not contestable
  - The winner will be announced at Awarding Night of OGIP 2022
- 



## COMPETITION DAY RULES

- Participants must prepare good Internet connection during presentation session.
- Every delegate should be in waiting room at least 15 minutes before start to present the material.
- Tardiness more than 5 minutes will be resulting 10% deduction of total score, unless the lateness is because mistake from official committee of OGIP 2022.
- OGIP 2022 committees will sharing screen the presentation file, and participant will operate through presenter.
- The presentation time will start if both of committee and participants are ready to present their material.
- Presentation and Q&A time reminder will be provided by time keeper. Audio signals and live chat will be used to mark the last 2 (two) minutes and the end of each presentation session.
- The time used by the committee is absolute.

## EQUIPMENT REQUIREMENT

- Participants are required to use the Zoom Installed electronic device (PC Is Recommended).
- Participants are required to have a stable Internet connection.
- The Committee will provide the presentation for the file for participants from the file that has been submitted earlier.
- Using an external assistance during the presentation is

## REGISTRATION FEES

Registration will be conducted in OGIP 2022 website registration form at [oglpupnyk.com](http://oglpupnyk.com)

- |         |   |
|---------|---|
| Batch 1 | : November 27th, 2021 – December 16th, 2021 |
| Batch 2 | : December 17th, 2021 – January 9th, 2021   |

### Final Round

Each team must pay the remaining fees, the remaining fees receipt have to be sent directly via [oglpupnyk.com](http://oglpupnyk.com)





# KEY DATES

· Registration Batch 1	: November 27th, 2021 – December 16th, 2021
· Registration Batch 2	: December 17th, 2021 – January 9th, 2022
· Official Delegates Announcement	: January 16th, 2022
· Case Distribution	: January 25th, 2022
· Final Report POD Project Submission	: February 28th, 2022
· Presentation POD Project Submission & Technical Meeting	: March 3th, 2022
· Final Presentation (D-Day of Event)	: March 6h, 2022



## AWARDS

Champion Winner Prize	: IDR4.000.000 + Certificate
1st Runner Up	: IDR2.500.000 + Certificate
2nd Runner Up	: IDR 1.000.000 + Certificate

## CONTACT INFORMATION

### Oscar Edessias Pattikawa

📞 Phone Number	: +62 812 7577 9917
💬 Line ID	: Oscar_edessias
✉ Email	: oscarpatikawa11@gmail.com

### Muhammad Arif Perdana

📞 Phone Number	: +62 822 3741 1109
💬 Line ID	: ariefperdana99
✉ Email	: marifperdana02@gmail.com



## INTERNATIONAL PLAN OF DEVELOPMENT COMPETITION





# INTERNATIONAL SMART COMPETITION

## INTERNATIONAL SMART COMPETITION

- 1 Main Theme
- 2 Event Information
- 3 Objective
- 4 General Rules
- 5 Competition Format
- 6 Judging Criteria
- 7 Tournament Officials
- 8 Equipment Requirements
- 9 Result
- 10 Key Dates
- 11 Award



### MAIN THEME

“Bring The Bright Future with Advance Knowledge Through Competitive Competition to Overcome Sustainable Energy”

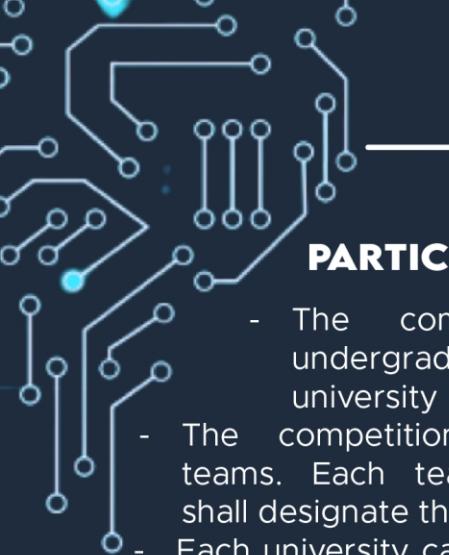
### EVENT INFORMATION

Venue : Virtual Meeting Zoom  
Date & Time : March 6th, 2022  
Delivery Language : English

### OBJECTIVE

- a. Expanding students' knowledge about the world's energy issues.
- b. Providing media for students to think far ahead, to be aware of their circumstances, give many ideas into global to be ready to face energy sector in the future.
- c. As support for entering a professional career.
- d. Improving competitive enthusiasm between students as their model to face a workforce that is full of competition.
- e. As a form of a place to build a good network between students among universities.





## GENERAL RULES

### PARTICIPANT

- The competition will be open for undergraduate students from any invited university related to Petroleum Industry.
- The competition will comprise of total 18 teams. Each team consists of 3 players and shall designate the team captain.
- Each university can send its representative a maximum of 2 (two) teams.
- Competitor universities are responsible for any liability arising from their conduct while at the tournament. Any purposeful act of dishonesty or an act that does not conform to the rules and regulations of the competition, as garnered by tournament officials, will be deemed as a course for expulsion from the competition.

### TIMES

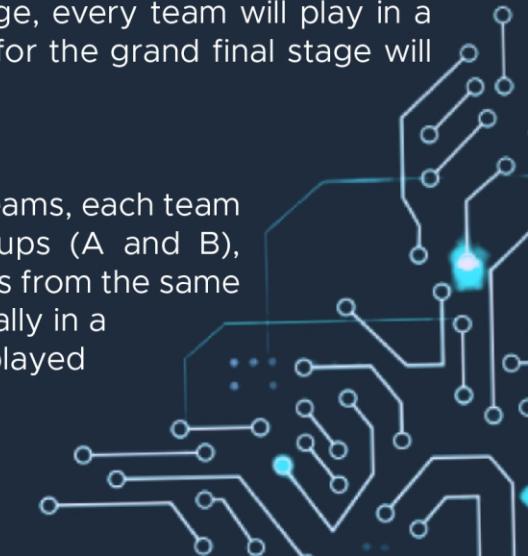
1. The participants must be in the main room at least 15 minutes before the match begin.
2. The match will begin when the participants are ready.
3. Tardiness of more than 5 minutes than the scheduled match time may result in a forfeit unless the lateness is the fault of the tournament, or the tournament officials are satisfied with other good causes.
4. After the moderator finishes reading the question, each team has 5 seconds to answer a toss-up question, 10 seconds to answer a compulsory question, 15 seconds to answer a bonus question, and 20 seconds for a calculation question.

### REGISTRATION

- Registration form should be filled in the registration form at [ogipupnyk.com](http://ogipupnyk.com)
  - a. Batch 1: 27 November 2021- 16 December 2021
  - b. Batch 2: 17 December 2021- 9 January 2022
- Registration fees for Batch 1 Smart Competition OGIP 2022 are:
  - a. 175.000/person for domestic student
  - b. USD 17/person for international students
- Registration fees for Batch 2 Smart Competition OGIP 2022 are:
  - a. 200.000/person for domestic student
  - b. USD 18/person for international students
- All the registration have to be paid before 16 December 2021 for batch 1 and 9 January for batch 2
- The receipt of the payment must be confirmed to the committee.

### COMPETITION FORMAT

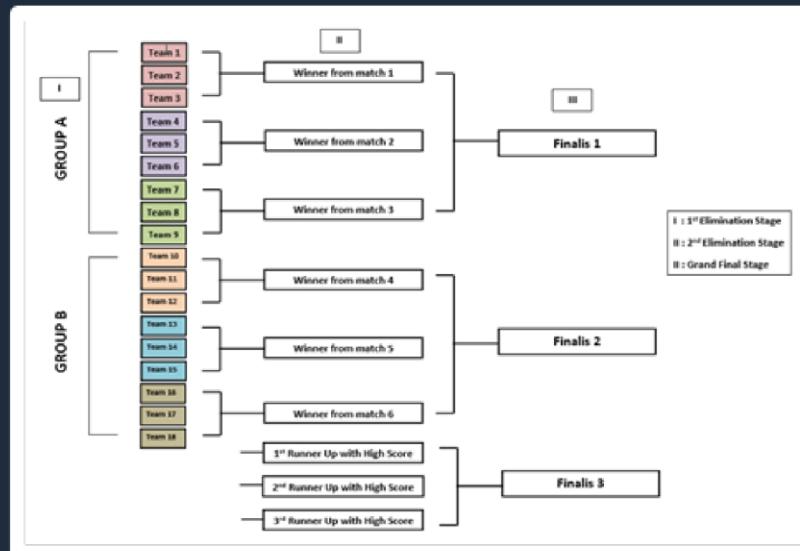
1. OGIP 2022 International Smart Competition consist of 2 types of stages: the elimination stage and the grand final stage. For the elimination stage, every team will play in a different breakout room and for the grand final stage will use the main room only.
2. The competition stages are:
  - a. **First Elimination Stage**
    - Target participants are 18 teams, each team will be divided into 2 groups (A and B), consisting of 9 teams. Teams from the same university will be automatically in a different group and will be played at the same time.



- The respective schedule and the tournament group for the competition day will be drawn during the technical meeting.
- The first elimination stage will be playing using buzz in live and 3 (three) teams will be competing for each other. The question for this session consist of compulsory question for 10 question, quick firing answer session for 15 question and bonus question for the team who answer the correct answer in quick firing session in two times a row.
- The winner of each match and 3 (three) 1st runner up with the highest score on both of group A and B will proceed to the next stage (the scores are accumulated from the compulsory question, bonus question and toss-up question). So, the total teams that will proceed to the second elimination stage are 9 teams.

#### **b. Second Elimination Stage**

- The mechanism for this stage will be the same as the first elimination stage.
- The division and order of turns at this stage will follow by the competition schematic below:
- The winner of each match will proceed to the grand final stage.



#### **c. Grand Final Stage**

- The grand final stage will consist of 2 sessions,
- The first session is a quick-firing answer session, in which an online buzzer system is needed (buzz in live). The toss-up question and bonus question will be provided for this session.
- The next session is the number game session, number games session is the team will be choosen to answer the question in a box which the number of a box represent the amount of the question
- Further detail rules and concepts of the game will be informed soon before the competition day.

### **TOURNAMENT OFFICIALS**

#### 1. Judges

There will be 3 judges. All judges' decisions concerning compliance with the rules and awarding of points will be final.

#### 2. Question Reader(s)

Each round will have a moderator(s) who will guide during the competition. The moderator(s) will read the question, determine the team who have the right to answer the question, consult judges as needed to determine the correctness of answers, award and deduct points, and otherwise enforce the rules of competition.

#### 3. Operator

Each round will have one operator as the host of the meeting and set the time during the competition (timekeeper).

#### 4. Scorekeeper

Each round will have one scorekeeper who will arrange and keep the official score during the competition.



## EQUIPMENT REQUIREMENT

1. Participants must prepare electronic devices (PC must be used) with the ZOOM application that has been downloaded because the competition will be held via ZOOM.
2. Supporting equipment such as paper, pencil or pen, and calculator are allowed to be used during calculation questions.
3. It is the responsibility of the participants to prepare a good internet connection and comfortable conditions during the competition.
4. Each stage there will be used buzz in live (online buzzer system), so the participants need to open the website, then enter the code and type the name following by team name (example: Bintang-Altair).

## QUESTION

1. There are 4 types of questions: Compulsory Question (for elimination stages), Bonus Question (for all stages), Toss Up Question (for all stages), Number Game Question (only for Grand Final Stage).

### o Compulsory Question

- In the elimination stage there will be 10 questions
- Every member of the team may answer the question. Before answering, the member should say “final answer” then followed by giving the final answer.

- Each team has 10 seconds to answer the compulsory questions. The 10 seconds start when the moderator is finished reading the question. If the moderator is asked to repeat the question, the time will still be counted down. After 10 seconds, the moderator will prompt the team for an answer. Once prompted, the team captain (or the team member he/she designates) must immediately begin answering or forfeit the opportunity to answer the question.
- Discussion between players in a team before answering a question is allowed. The time will keep going, as the discussion being progressed.
- Each compulsory question is worth up to 5 points. Each incorrect or incomplete answer will be reduced by 1 point.

### o Bonus Question

- Team will get a bonus question if the toss-up question is correctly answered two times in a row. And the other teams are not allowed to answer the question.
- On bonus questions, the team captain will give the answer or explicitly choose another team member to give the answer. Any other player's answer will not be accepted.
- A team has 15 seconds to answer a bonus question. The 15 seconds start when the moderator is finished reading the question. If the moderator is asked to repeat the question, the time will still be counted down. After 15 seconds, the moderator will prompt the team for an answer. Once prompted, the team captain (or the team member he/she designates) must immediately begin answering or forfeit the opportunity to answer the question.
- Discussion between players in a team before answering a question is allowed. The time will keep going, as the discussion being progressed.
- Each bonus question is worth up to 10 points. There will be no deduction point for incorrect answer to bonus question.



### o Toss Up Question

- For the first and second elimination stage there will be 15 questions and for the grand final stage will be using time base questions for 30 minutes.
- A player may “buzz in” (using an online buzzer) to answer a toss-up question at any point after a moderator has begun reading the question.
- Once a player has buzzed in, the tournament official will verbally recognize the player by team and player name. If a player repeatedly responds before being recognized, tournament officials deserve the right to invalidate that player’s response, turning the question over to the other team, if applicable.
- If a player buzzes in before the moderator has finished reading, the moderator will stop at that point. If the answer given is incorrect, the moderator will continue reading the entire question for the other team.
- Player has 5 seconds to buzz in after the moderator has finished reading the question. If the player answers incorrectly, the other team will then have 5 additional seconds to buzz in. Some questions may permit more time, which will be noted specifically by the question.
- An answer to a toss-up question must begin within 5 seconds after the player has been recognized. An answer started after the tournament official has said “TIME” will be treated as no answer, and the other team will have the opportunity to buzz in. Ties between the player and the timekeeper have decided in favor of the player.
- Discussion between players in a team before answering the toss-up questions is not allowed, so there is no discussion time for toss-up question.

- Decisions as to whether players have exceeded the allotted time to buzz in or to answer may be rendered only by the tournament official and are not contestable.
- Each correct answer to a toss-up question is worth 10 points. Each incorrect or incomplete answer will be reduced by 5 points.

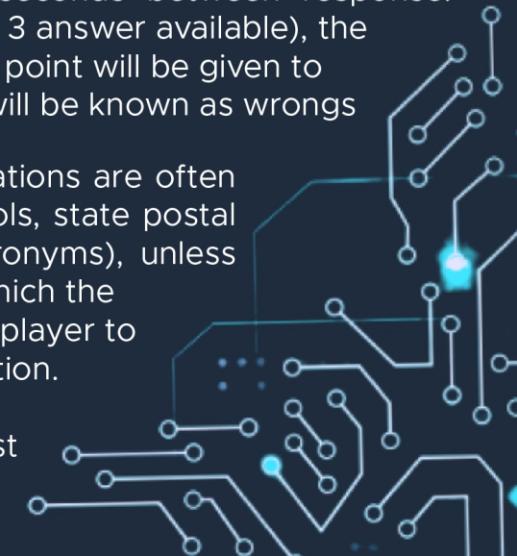
### o Number Game Question

- The detail for rules and concept of the game will be informed on the technical meeting.
2. Questions are intended to test the participants’ knowledge of petroleum engineering (reservoir, drilling, production), petroleum geology, geophysics. Question may include history, trivia, current events, technical questions, calculations, and problem-solving related to the petroleum industry.

## CORRECT ANSWER

Compulsory Question, Bonus Question, Toss Up Question, and Number Game Question:

- The moderator will accept only the first final answer given by a participant.
- If a question requires multiple answers, a player may provide the responses in any order (unless otherwise specified), without a pause of more than 3 seconds between response. Answering incompletely (2 out of 3 answer available), the judges have a right to decide the point will be given to a team (e.g. 3, 5, or 7 points) or will be known as wrongs answer.
- Common acronyms and abbreviations are often acceptable (e.g., chemical symbols, state postal abbreviations, organizational acronyms), unless they appear in the question, in which the question reader may prompt the player to expand the acronym or abbreviation.
- If a question asks to identify an answer from a list, the player must name the exact answer.



## RESULT

- Tournament Official decisions are absolute and final.
- The result of elimination stages is the total value of compulsory question plus bonus question and plus toss-up question.
- Similarity score in each round, tournament officials will give one additional round (sudden death round). Each team will be given five questions and the score will be accumulated. If the score is still the same, there will be one additional question for each team that will be asked at the same time (sudden death question). The team that has a higher score will be the winner and proceed to the next round.
- Result of all the competitions will be announced immediately following the competition at the Online Awarding Night.
- In the Grand Final Stage, the score obtained from 2 sessions (toss-up and game session) will be accumulated directly to determine the winner.

## KEY DATES

Open Registration Batch 1	November 27 <sup>th</sup> 2021 – December 16 <sup>th</sup> 2021
Open Registration Batch 2	December 17 <sup>th</sup> 2021 – January 9 <sup>th</sup> 2022
Official Delegates Announcement	January 16 <sup>th</sup> 2022
Technical Meeting	February 26 <sup>th</sup> 2022
Competition Day (D-Day of Event)	March 6 <sup>th</sup> 2022

## AWARDS

- Champion : IDR 3.500.000 + Certificate  
1st Runner Up : IDR 2.500.000 + Certificate  
2nd Runner Up : IDR 1.500.000 + Certificate

## CONTACT PERSON

### Ahmad Aliya Akmal

 Phone : +6287830857818  
 Line ID : 101752  
 Email : aliyaakmal12@gmail.com

### Nuraisyah Ningsih

 Phone : +6282296634794  
 Line ID : aisyahngs  
 Email : aisyahmlkian@gmail.com



## INTERNATIONAL SMART COMPETITION



## INTERNATIONAL PAPER POSTER COMPETITION

- 1 Main Theme
- 2 Sub Theme
- 3 Objective
- 4 General Rules
- 5 Competition Format
- 6 Judging Criteria
- 7 Tournament Officials
- 8 Equipment Requirements
- 9 Key Date
- 10 Award
- 11 Contact Person



# INTERNATIONAL PAPER POSTER COMPETITION

## MAIN THEME

“Transformation of Strategy and Technology to Maximizing Utilization National Natural Resources”

## SUB THEME

1. Exploration and Exploitation Oil and Gas
2. Geological and Geophysics Interpretation
3. Petroleum Economics and Regulation
4. Reservoir Engineering, Simulation, and Modelling
5. Unconventional Resources
6. EOR/IOR (Enhanced Oil Recovery/Improve Oil Recovery)
8. Enhanced and Integrated Geothermal System
9. Renewable Energy
10. Digital Oilfield
11. Environmental and Hazard Mitigation





## OBJECTIVE

1. Expand and improve students' knowledge about oil and gas industry.
2. Culture the importance of writing for the student.
3. Expand and improve the students' ability to create, write, give ideas, and present their works in an integrated way about oil and gas industry.
4. Train students to think far ahead, to be aware of their circumstances, give many ideas into global to be ready to face the oil and gas world in the future.
5. As a support for entering the world of work
6. Improve battle enthusiasm between each student as their model to face workforce that full of strict competition
7. As a form of a place to build a good relationship between student and universities.

## GENERAL RULES

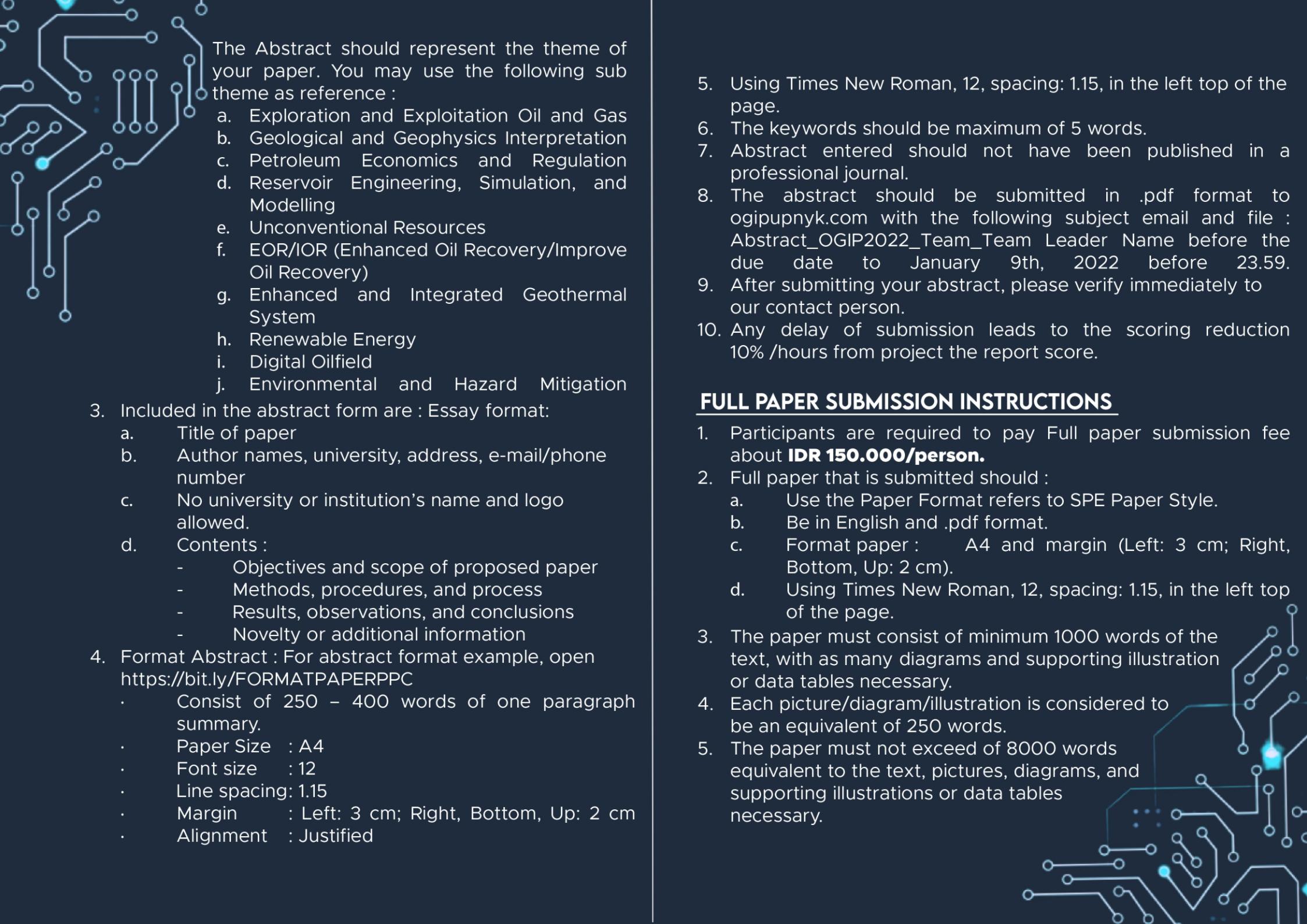
1. Participants are advised to complete and submit the official registration form OGIP 2022 before the due date.
2. Paper and poster presentation will be conducted by Online Conferences.
3. Participant candidates should be Engineering Undergraduate Students from universities around the world.
4. Each universities can send its delegates more than two teams for abstract selection but maximum 2 teams that will present their paper.
5. Each paper consists of maximum 3 authors.
6. The number of abstracts that will be qualified for the selection are only ten (10) best abstract.
7. All participant on one team must be from the same university.
8. All presentations, verbal communications, written documentation and the competition itself will be in English.
9. Paper and poster have to be originally written by the author(s) and never been published.

10. Poster will be judged by the professional from the industry as a part of overall scoring and will be posted in OGIP 2022 instagram for favorite winner.
11. Poster with most Instagram likes will get the Favorite Winner.
12. Assessment and decision of the adjudicators are absolute and inviolable.
13. Competition rules are subject to change. If any rules change, there will be announcement, clarification and agenda to all the teams before the due of competition.
14. Fail to obey the rules, format, or late submission may receive deduction of points.
15. The link of registration will be post on website [www.ogipupnyk.com](http://www.ogipupnyk.com)
16. Registration fees for Abstract is free.
17. The teams that are selected for the abstract selection have to pass the confirmation and pay the Full Paper Submission fees: **IDR 150.000/person** for domestic student and **USD 15/person** for international students.
18. Payment has to be done via bank transfer to :  
**Tasya Ria Finola 0696068909 - BNI**
19. Full Paper Submission fees have to be paid before the due date January 20th, 2022.
20. Any remaining question, please ask via email to the contact person below.

## COMPETITION FORMAT

### ABSTRACT SUBMISSION INSTRUCTIONS

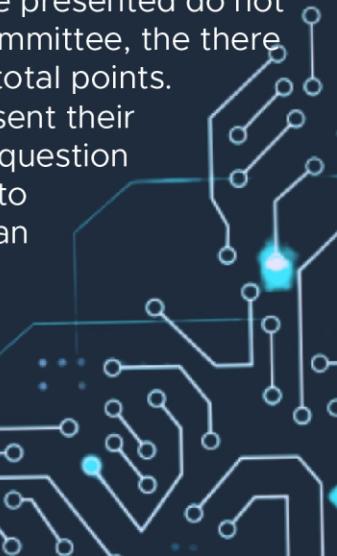
1. Registration fees for Abstract is free.
2. Abstracts will be evaluated on technical merit, originality and the interest of audience.

- 
- The Abstract should represent the theme of your paper. You may use the following sub theme as reference :
- a. Exploration and Exploitation Oil and Gas
  - b. Geological and Geophysics Interpretation
  - c. Petroleum Economics and Regulation
  - d. Reservoir Engineering, Simulation, and Modelling
  - e. Unconventional Resources
  - f. EOR/IOR (Enhanced Oil Recovery/Improve Oil Recovery)
  - g. Enhanced and Integrated Geothermal System
  - h. Renewable Energy
  - i. Digital Oilfield
  - j. Environmental and Hazard Mitigation
3. Included in the abstract form are : Essay format:
- a. Title of paper
  - b. Author names, university, address, e-mail/phone number
  - c. No university or institution's name and logo allowed.
  - d. Contents :
    - Objectives and scope of proposed paper
    - Methods, procedures, and process
    - Results, observations, and conclusions
    - Novelty or additional information
4. Format Abstract : For abstract format example, open <https://bit.ly/FORMATPAPERPPC>
- Consist of 250 – 400 words of one paragraph summary.
  - Paper Size : A4
  - Font size : 12
  - Line spacing: 1.15
  - Margin : Left: 3 cm; Right, Bottom, Up: 2 cm
  - Alignment : Justified

5. Using Times New Roman, 12, spacing: 1.15, in the left top of the page.
6. The keywords should be maximum of 5 words.
7. Abstract entered should not have been published in a professional journal.
8. The abstract should be submitted in .pdf format to ogipupnyk.com with the following subject email and file : Abstract\_OGIP2022\_Team\_Team Leader Name before the due date to January 9th, 2022 before 23.59.
9. After submitting your abstract, please verify immediately to our contact person.
10. Any delay of submission leads to the scoring reduction 10% /hours from project the report score.

## FULL PAPER SUBMISSION INSTRUCTIONS

1. Participants are required to pay Full paper submission fee about **IDR 150.000/person**.
2. Full paper that is submitted should :
  - a. Use the Paper Format refers to SPE Paper Style.
  - b. Be in English and .pdf format.
  - c. Format paper : A4 and margin (Left: 3 cm; Right, Bottom, Up: 2 cm).
  - d. Using Times New Roman, 12, spacing: 1.15, in the left top of the page.
3. The paper must consist of minimum 1000 words of the text, with as many diagrams and supporting illustration or data tables necessary.
4. Each picture/diagram/illustration is considered to be an equivalent of 250 words.
5. The paper must not exceed of 8000 words equivalent to the text, pictures, diagrams, and supporting illustrations or data tables necessary.

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6. The full paper should state title, introduction, theory and definition, equipment and/or process used, data and result, references, and attachment if needed.
  7. University or institution name and logo is not allowed on full paper.
  8. The full paper that has been sent has to be the final form and it can't be edited or revised.
  9. For full abstract format example, open <https://bit.ly/FORMATPAPERPPC>
  10. Full Paper should be submitted in a .pdf format to: ogipupnyk.com with the following subject file and email: FullPaper\_OGIP2022 \_Team\_Team Leader Name before the due date to February 26th, 2022 before 23.59.
  11. Fail to obey the rules, format, or late submission may receive deduction of points. After submitting your full paper, please verify immediately to our contact person.
  12. Any delay of submission leads to the scoring reduction 10% / hour from project the report score. (Multiplies by total day that delayed).

## **POSTER SUBMISSION INSTRUCTION**

1. Poster size is A2 with portrait orientation.
2. Poster contains the summary of proposed paper.
3. University or institution name and logo is not allowed on poster.
4. Poster posting in OGIP 2022 Official Instagram for favorite winner category will be started on 5th March 2022 at 9:00 - 14:00 WIB.
5. Poster should be submitted in a .pdf and .png format to: ogipupnyk.com with the following subject file and email: Poster\_OGIP2022 \_Team\_Team Leader Name before the due date to February 26th, 2022 before 23.59.
6. Any delay of submission leads to the scoring reduction 10% /hour from project the report score (Multiplies by total day that delayed).

## **PAPER PRESENTATION**

1. Participants are required to pay Full paper submission fee about IDR 150.000/person for domestic student and USD15/person for international students.
2. During the presentation, all participants may not mention their university name for team introduction. Participant's name or team name are allowed.
3. A drawing session to decide the order of presentation will determine PPC presentation order during the technical meeting.
4. Participants have to submit their presentation slide to ogipupnyk.com with the following subject file and email: PaperPresentation\_OGIP2022 \_ Team\_Team Leader Name before the due date to February 26th, 2022 before 23.59.
5. Presentation slide that is submitted should be in English and ppt format.
6. Presentation of the paper which passed the selection will be represented by maximum of 3 persons.
7. Presentation and Q&A time reminder will be provided by time keeper. Audio signals and live chat will be used to mark the last 2 (two) minutes and the end of each presentation session.
8. System of the presentation is close presentation.
9. Participants have to join in waiting room no longer than 15 minutes before presentation time.
10. The team representative will share the screen during the presentation. If the presentation slides that are presented do not match with the file that is submitted to the committee, there will be deducted 10 points per slide from the total points.
11. The presenter will be given 10 minutes to present their paper and will be followed by 20 minutes for question and answer session. Only judges are allowed to ask in the question and answer session and can be answered by all team members.
12. The presentation time will start if both of committee and participants are ready to present their material.

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- 13. The presentation & QnA session will be delivered in English.
  - 14. The winner will be announced at Awarding Night.
  - 15. Judges decision is absolute.

### JUDGING CRITERIA

- The judges will be choose the three best team according to the criteria as shown below:
- 1. Paper Contents ( 35% )
    - Conformity
    - Substantiation
    - Original, Logical, and Systematic
    - Comprehension
    - Added Value
    - Innovation of the solution and creativity of the content
  - 2. Presentation Style and Content ( 20% )
    - Presentation Design
    - Presentation Content
    - Use of Refined English
    - Presentation Etiquette
    - Time Efficiency
  - 3. Poster Contents and Design ( 25% )
    - Creative Ideas
    - Conformity with Paper
  - 4. Analysis (Content Comprehension and Accuracy) ( 20% )

### TOURNAMENT OFFICIALS

- 1. Judges There will be 3 (three) judges. Judges will appraise the participant's effort by the criteria given.
- 2. Moderator : Comes from committees who guide all of presentation and judging process.
- 3. Timekeeper : Comes from committees who remain the participants about the time left for each team.
- 4. Host : Will be in charge of inviting participants to the meeting room.

### EQUIPMENT REQUIREMENTS

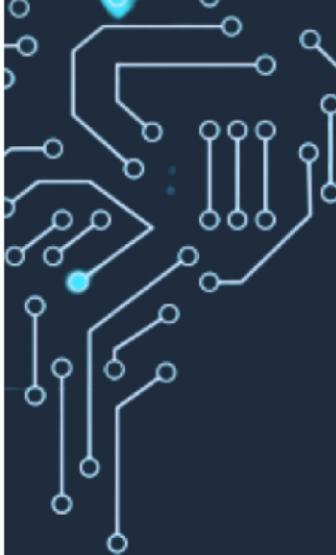
- 1. Participants are required to use the Zoom installed electronic device (PC is Recommended).
- 2. Participants are required to have a stable internet connection.
- 3. The Committee will provide the presentation for the file for participants from the file that has been submitted earlier.
- 4. Using an external assistance during the presentation is not allowed.

### KEY DATES

Open Registration	Until January 9th, 2022
Abstract Submission Deadline	January 9th, 2022
Delegates Announcement	January 16th, 2022
Confirmation and Payment	January 20th, 2022
Full Paper, Presentation and Poster Submission Deadline	February 26th, 2022
Technical Meeting	February 28th, 2022
Final Presentation	March 5th, 2022

### AWARDS

- Champion : IDR 3.500.000 + Certificate
  - 1st Runner Up : IDR 2.500.000 + Certificate
  - 2nd Runner Up : IDR 1.500.000 + Certificate
  - Favourite Winner : IDR 500.000 + Certificate
- 



## CONTACT PERSON

### PROJECT MANAGER OF PAPER COMPETITION

**Nabila Hasna Afif**

 Phone : 0816829782  
 Line ID : hasnahaafif  
 Email : afifnabilahasna@gmail.com

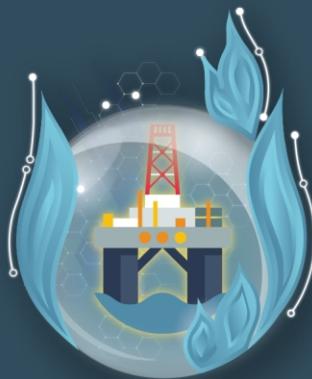
**Gery Setiawan**

 Phone : 082322593926  
 Line ID : geryse  
 Email : gerryse76@gmail.com



## INTERNATIONAL PAPER POSTER COMPETITION





## INTERNATIONAL OIL RIG DESIGN COMPETITION

- 1 Main Theme
- 2 Event Information
- 3 Objective
- 4 Case Overview
- 5 General Rules
- 6 Competition Format
- 7 Judging Criteria
- 8 Key Date
- 9 Award
- 10 Contact Person



# INTERNATIONAL OIL RIG DESIGN COMPETITION

## MAIN THEME

“Technology and Economic Innovations for Offshore Drilling Problems in The New Era of World Energy Challenges”

## EVENT INFORMATION

Event Name	: Oil Rig Design Competition
Venue	: Virtual Meeting Zoom
Date & Time	: 5 March 2022
Delivery Language	: English

## OBJECTIVE

1. Forming an academic culture in educational lecturing.
2. Improve student's ability to write and collate the ideas in front of the public about offshore engineering and solutions.
3. To find solutions that become a hot issue in the oil & gas industry, especially in the offshore sector.
4. Increase knowledge for all participants in offshore engineering.
5. As a form of a place to build a good relationship between students and universities.



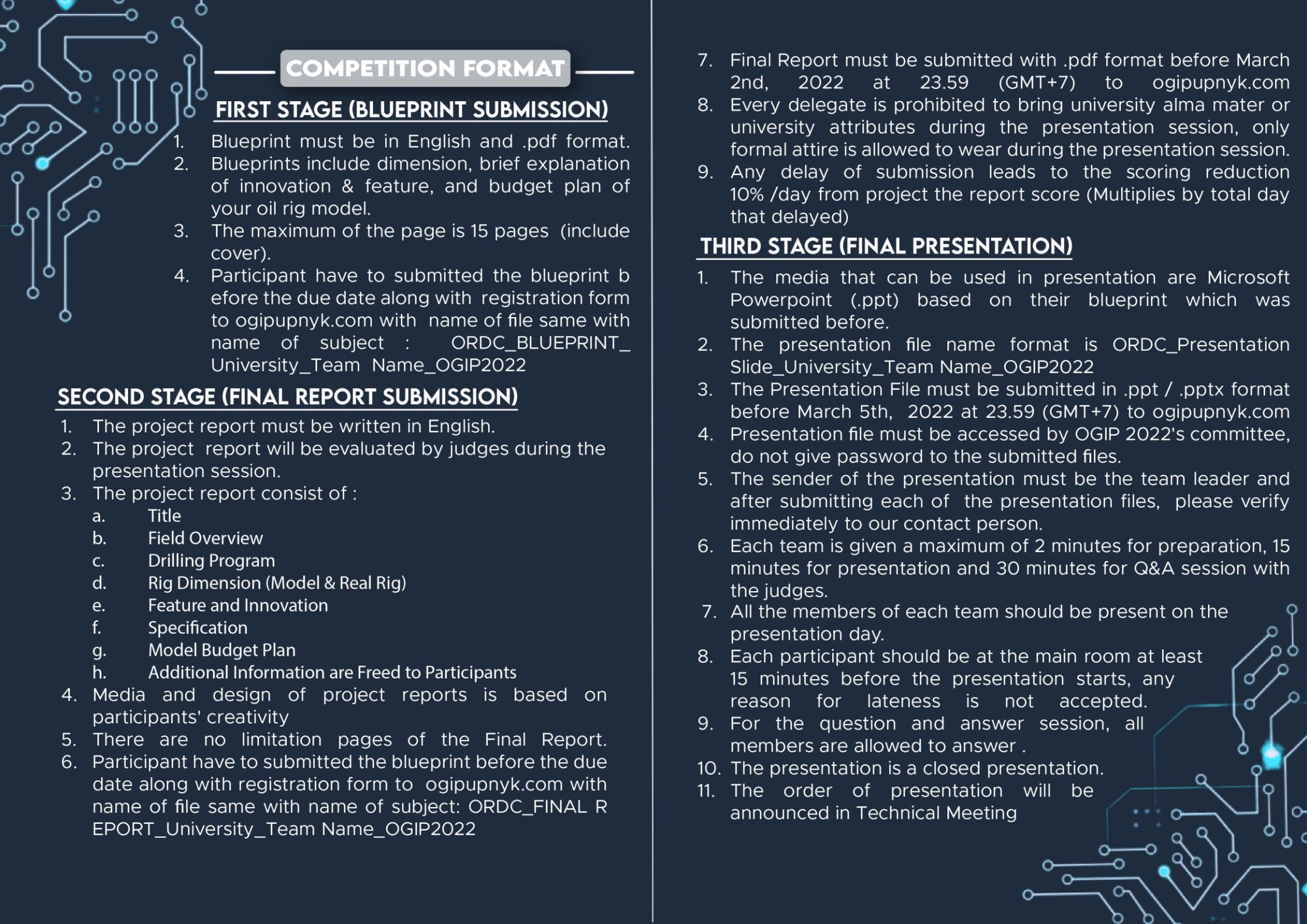
## CASE OVERVIEW

As the population grows each year, the energy consumption is also increased. On the other hand, oil and gas reserves are also decreasing. Technological and economical innovations in the oil rig are required to face the new era of world energy challenges. OGIP 2022 demands each participating team to act as a contractor to design an efficient and commercial oil rig platform which suits the given field suggested by the committee. The Gendalo Field is located approximately 60 km Southeast of Mahakam Delta, East Kalimantan, Indonesia. This field has a water depth ranging from 762 – 1524 m. Participants must design a model of an oil rig by considering several fundamental factors, such as model effectiveness, safety, stability, and budget plan of the oil rig regarding The Gendalo Field.

## GENERAL RULES

1. OGIP 2022 Oil Rig Design Competition will be held virtually through ZOOM meeting software.
2. OGIP 2022 Oil Rig Design Competition is open to engineering undergraduate students from university around the world
3. Participants are advised to complete and submit the official registration form OGIP 2022 before the due date
4. Every member of the team is only allowed to join one (1) team.
5. Each team must send a blueprint of the oil rig design.
6. Each university can send its delegates more than two teams for blueprint selection, but maximum 2 teams that will be selected to join this competition.
7. All decision judges are absolute and cannot be contested.
8. The result of the competition will be announced on Online Awarding Night.
9. All participants will have access to the final score after the Online Awarding Night.

10. Every delegate is prohibited to bring university alma mater or university attributes during the presentation session, only formal attire is allowed to wear during the presentation session.
11. The rules are free to change by the committee for the subject. Any changes will be notified to all participants before the competition.
12. Moderator will lead and guide the entire flow of this competition and followed by the time keeper will remind the time limits.
13. Participants must prepare a good internet connection during the presentation session.
14. Every delegate should be in the waiting room at least 15 minutes before starting to present the material.
15. Tardiness of more than 5 minutes will result in a 10% points deduction of the total score, unless the lateness is because of a mistake from the official committee of OGIP 2022.
16. OGIP 2022 committees will be sharing screen the presentation file, and participants will operate through remote control.
17. The presentation time will start if both committee and participants are to present their material ready
18. Presentation and Q&A time reminder will be provided by timekeeper and will be used to mark the Audio signals and live chat last 2 (two) minutes and the end of each presentation session.
19. The time used by the committee is absolute.
20. Every delegate is prohibited to bring university alma mater or university attributes during the presentation session, only formal attire is allowed to wear during the presentation session.



## COMPETITION FORMAT

### FIRST STAGE (BLUEPRINT SUBMISSION)

1. Blueprint must be in English and .pdf format.
2. Blueprints include dimension, brief explanation of innovation & feature, and budget plan of your oil rig model.
3. The maximum of the page is 15 pages (include cover).
4. Participant have to submitted the blueprint before the due date along with registration form to [ogipupnyk.com](http://ogipupnyk.com) with name of file same with name of subject : ORDC\_BLUEPRINT\_University\_Team Name\_OGIP2022

### SECOND STAGE (FINAL REPORT SUBMISSION)

1. The project report must be written in English.
2. The project report will be evaluated by judges during the presentation session.
3. The project report consist of :
  - a. Title
  - b. Field Overview
  - c. Drilling Program
  - d. Rig Dimension (Model & Real Rig)
  - e. Feature and Innovation
  - f. Specification
  - g. Model Budget Plan
  - h. Additional Information are Freed to Participants
4. Media and design of project reports is based on participants' creativity
5. There are no limitation pages of the Final Report.
6. Participant have to submitted the blueprint before the due date along with registration form to [ogipupnyk.com](http://ogipupnyk.com) with name of file same with name of subject: ORDC\_FINAL REPORT\_University\_Team Name\_OGIP2022

7. Final Report must be submitted with .pdf format before March 2nd, 2022 at 23.59 (GMT+7) to [ogipupnyk.com](http://ogipupnyk.com)
8. Every delegate is prohibited to bring university alma mater or university attributes during the presentation session, only formal attire is allowed to wear during the presentation session.
9. Any delay of submission leads to the scoring reduction 10% /day from project the report score (Multiplies by total day that delayed)

### THIRD STAGE (FINAL PRESENTATION)

1. The media that can be used in presentation are Microsoft Powerpoint (.ppt) based on their blueprint which was submitted before.
2. The presentation file name format is ORDC\_Presentation\_Slide\_University\_Team Name\_OGIP2022
3. The Presentation File must be submitted in .ppt / .pptx format before March 5th, 2022 at 23.59 (GMT+7) to [ogipupnyk.com](http://ogipupnyk.com)
4. Presentation file must be accessed by OGIP 2022's committee, do not give password to the submitted files.
5. The sender of the presentation must be the team leader and after submitting each of the presentation files, please verify immediately to our contact person.
6. Each team is given a maximum of 2 minutes for preparation, 15 minutes for presentation and 30 minutes for Q&A session with the judges.
7. All the members of each team should be present on the presentation day.
8. Each participant should be at the main room at least 15 minutes before the presentation starts, any reason for lateness is not accepted.
9. For the question and answer session, all members are allowed to answer .
10. The presentation is a closed presentation.
11. The order of presentation will be announced in Technical Meeting



12. Any delay of submission leads to the scoring reduction 10% / day from the presentation slide score (Multiplies by total day that delayed)

## **3D VIDEO DESIGN OVERVIEW**

1. Each team should make 3D video overview based on their Final
2. Report and will be used on the final round and posted on OGIP 2022 Instagram to determine favorite winner.
3. Participants can use Lumion Software or other similar software with maximum duration of video is 3 minutes.
4. The maximum size of the video is 500 mb
5. The 3D Video Design file name format is: ORDC\_3D Video Overview\_University\_Team Name\_OGIP2022 and the 3D Video Overview must be submitted before March 2nd, 2022 at 23.59 (GMT+7) to [ogipupnyk.com](mailto:ogipupnyk.com)
6. The Overview 3D Video presented must be the same as the final report has been sent before. Failing to obey this rule results in 20% points deduction and delay of submission will result in 10 % points deduction.

## **JUDGING CRITERIA**

The judges will choose the three best team according to the criteria as shown below:

1. Innovation and Creativity (25%)  
How beneficial, compatible, and efficient of your innovation in the real offshore drilling platform.
2. Presentation Delivery (25%)  
How the team presented their rig model in an interesting way, fluency & systematic presentation, content & media that used in presentation, time management, ethic & team manners.

## **3. Model and Field Analysis (20%)**

How the team presented their oil rig platform and analyzed how suitable their rig in the location, analyze and calculate the economical aspects of their rig model to the judges.

## **4. Interactive and Problem Solving (30%)**

How interactive your team is during the question & answer session, and how your team can answer the question from the judges clearly and giving direct answers.

## **KEY DATES**

- |   |                                       |
|---|---------------------------------------|
| 1. Open Registration batch 1                  | : 27 November 2021 – 16 December 2021 |
| 2. Open Registration batch 2                  | : 17 December 2021 – 9 January 2022   |
| 3. Blueprint Submission Deadline              | : 14 January 2022                     |
| 4. Official Delegates Announcement            | : 16 January 2022                     |
| 5. Final Report Submission                    | : 20 February 2022                    |
| 6. 3D Video & Presentation Project Submission | : 28 February 2022                    |
| 7. Technical Meeting                          | : 2 March 2022                        |
| 8. Final Presentation (D-day of event)        | : 5 March 2022                        |

## **AWARDS**

- |                  |                                |
|------------------|--------------------------------|
| Champion         | : IDR 4.000.000 + certificates |
| 1st Runner Up    | : IDR 2.500.000 + certificates |
| 2nd Runner Up    | : IDR 1.500.000 + certificates |
| Favourite Winner | : IDR 500.000+ certificates    |



## CONTACT PERSON

### Farrel M. Dhaffa

 Phone : +62 81293974684  
 Line ID : farreldhaffa  
 Email : farreldhaffa24@gmail.com

### Muhammad Arif Perdana

 Phone : +62 82237411109  
 Line ID : ariefperdana99  
 Email : marifperdana02@gmail.com



INTERNATIONAL  
OIL RIG DESIGN  
COMPETITION